

Additional File 7. Gomafu expression during GABAergic neuronal and progressive stages of OL lineage elaboration. (A) Relative expression of Gomafu during GABAN and OL differentiation (expression is relative to NSCs and error bars show standard deviation). Gomafu is exclusively downregulated in N/OPs, but upregulated in all other sampled cell stages. (B) In situ hybridization of sagittal adult mouse brain sections for Gomafu expression. Whole brain is shown in top left panel, hippocampus top right panel, coronal section of olfactory bulb in bottom left panel and sagittal section of olfactory bulb and cortex in bottom right panel. Gomafu is expressed in the cortex (green arrow), hippocampus and mitral layer of the olfactory bulb (red arrow). Gomafu does not exhibit expression in the cerebellum (blue arrow). Images courtesy of the Allen Brain Atlas (www.brain-map.org).